

**AMENDMENTS TO THE CLAIMS**

The following listing of claims replaces all prior versions of claims in the application.

1-8. (Cancelled)

9. (Currently Amended): An implant consisting of a bioadaptable porous material ~~comprising~~ on which an adenoviral or retroviral vector carrying a gene ~~[[of]]~~ encoding an osteo-inducible transcription factor Cbfa1 is adsorbed.

10. (Currently Amended): The implant according to claim 9, wherein the bioadaptable porous material is any member selected from the group consisting of hydroxyapatite,  $\alpha$ -TCP,  $\beta$ -TCP, collagen, polylactic acid, hyaluronic acid, polyglycolic acid, and a complex of any thereof.

11. (Currently Amended): The implant according to claim 10, wherein the bioadaptable porous material is a porous body consisting of a synthetic polymer composite synthesized from hydroxyapatite,  $\beta$ -TCP, or D, D-L, and L-polylactic acid.

12. (Currently Amended): The implant according to claim 11, wherein the bioadaptable porous material is porous  $\beta$ -TCP.

13. (Cancelled)